

FIG. 1

FIG. 1 is a perspective view of the device 10 in a first position. The device 10 includes a base 12, a support 14, a motor 16, a drive shaft 18, a gear 20, a pinion 22, a cam 24, a follower 26, a spring 28, and a plunger 30. The device 10 is configured to move the plunger 30 up and down in response to the rotation of the motor 16.

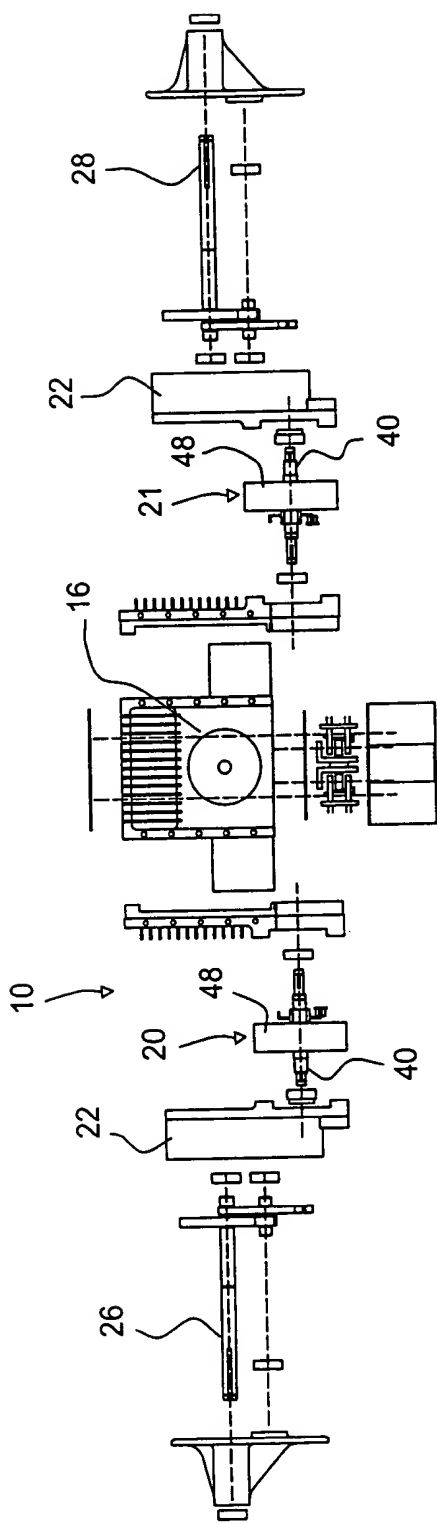


FIGURE 2A

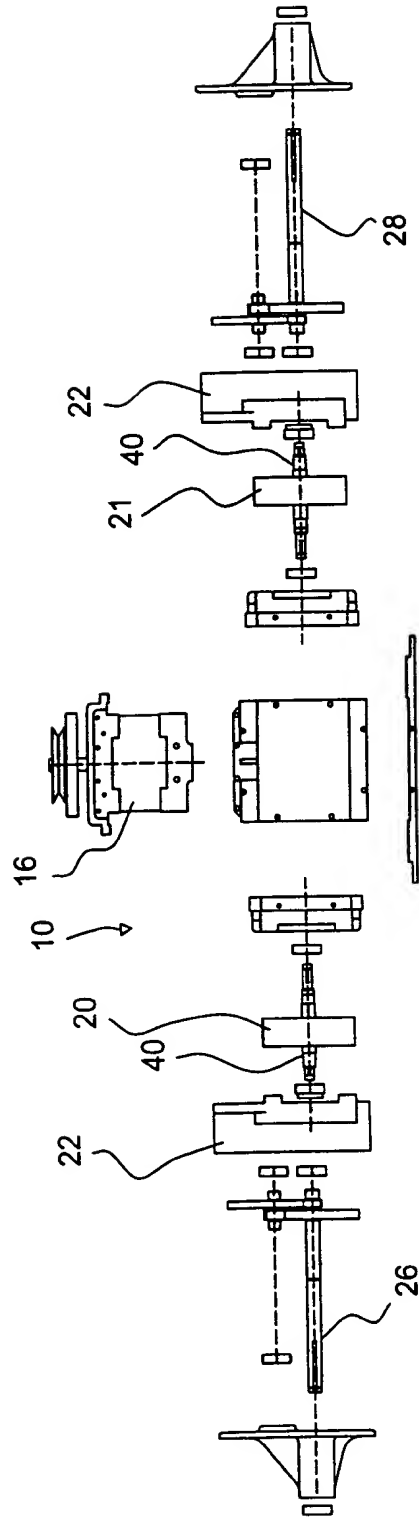


FIGURE 2B

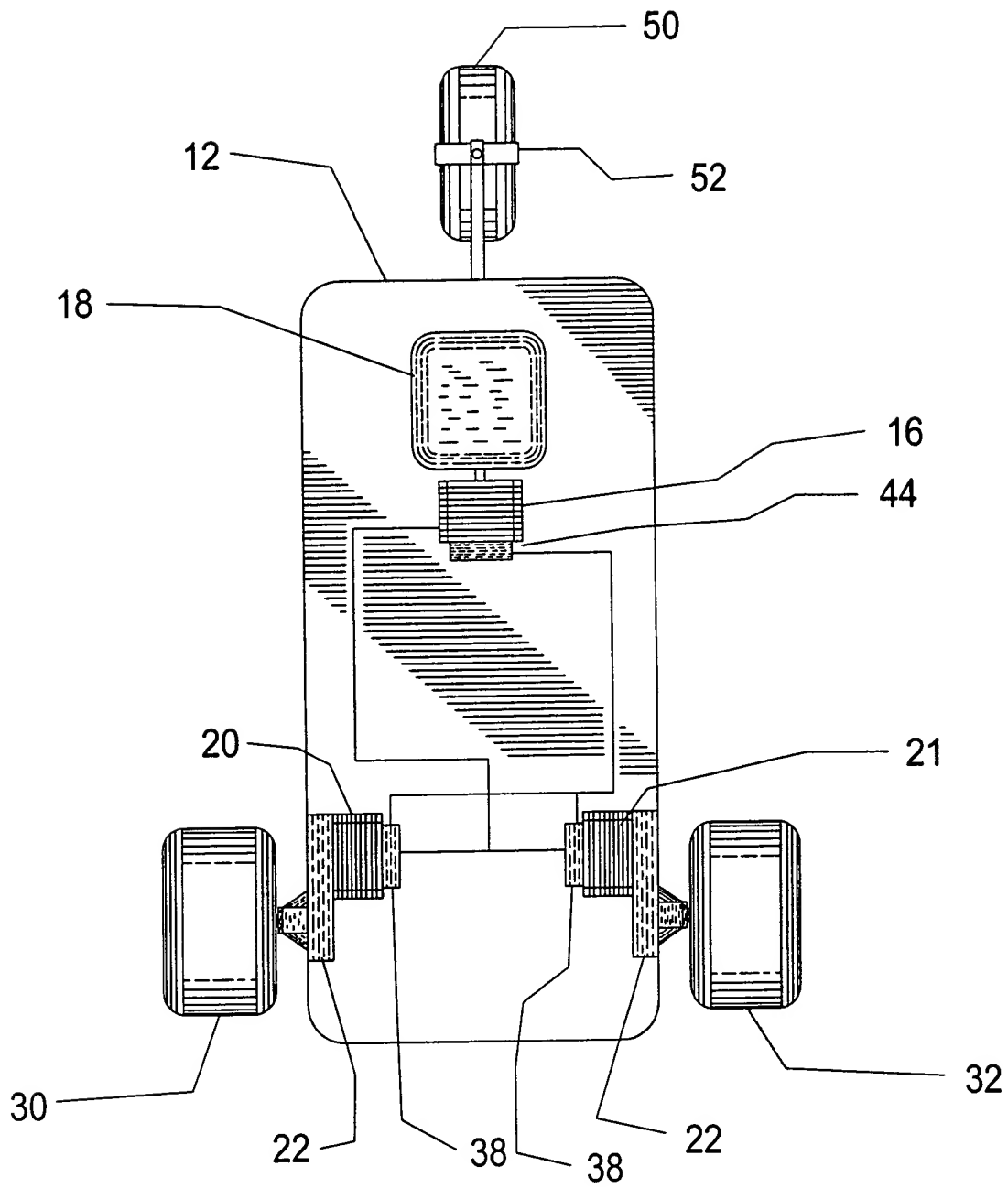


FIG. 4

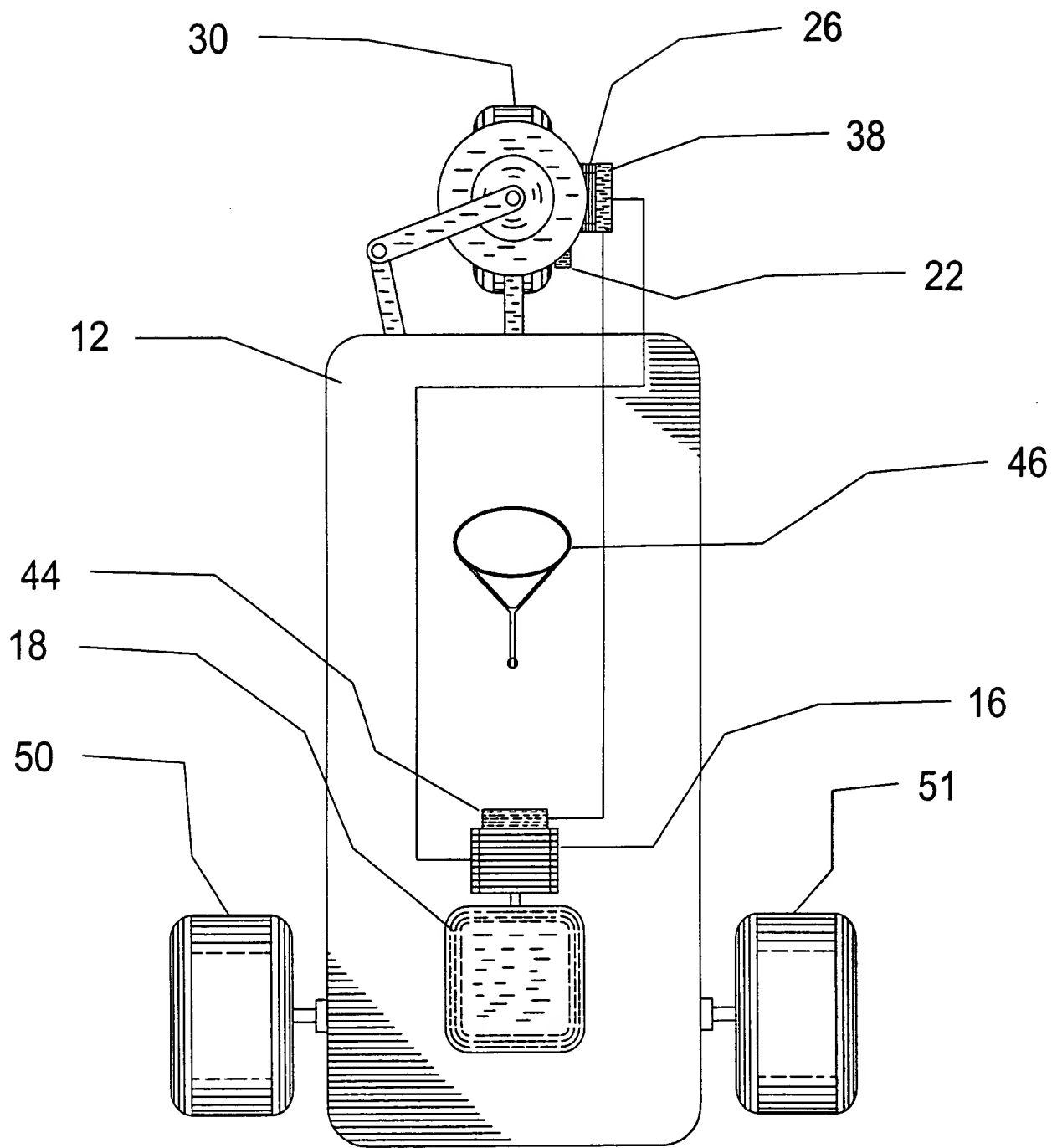


FIG. 6

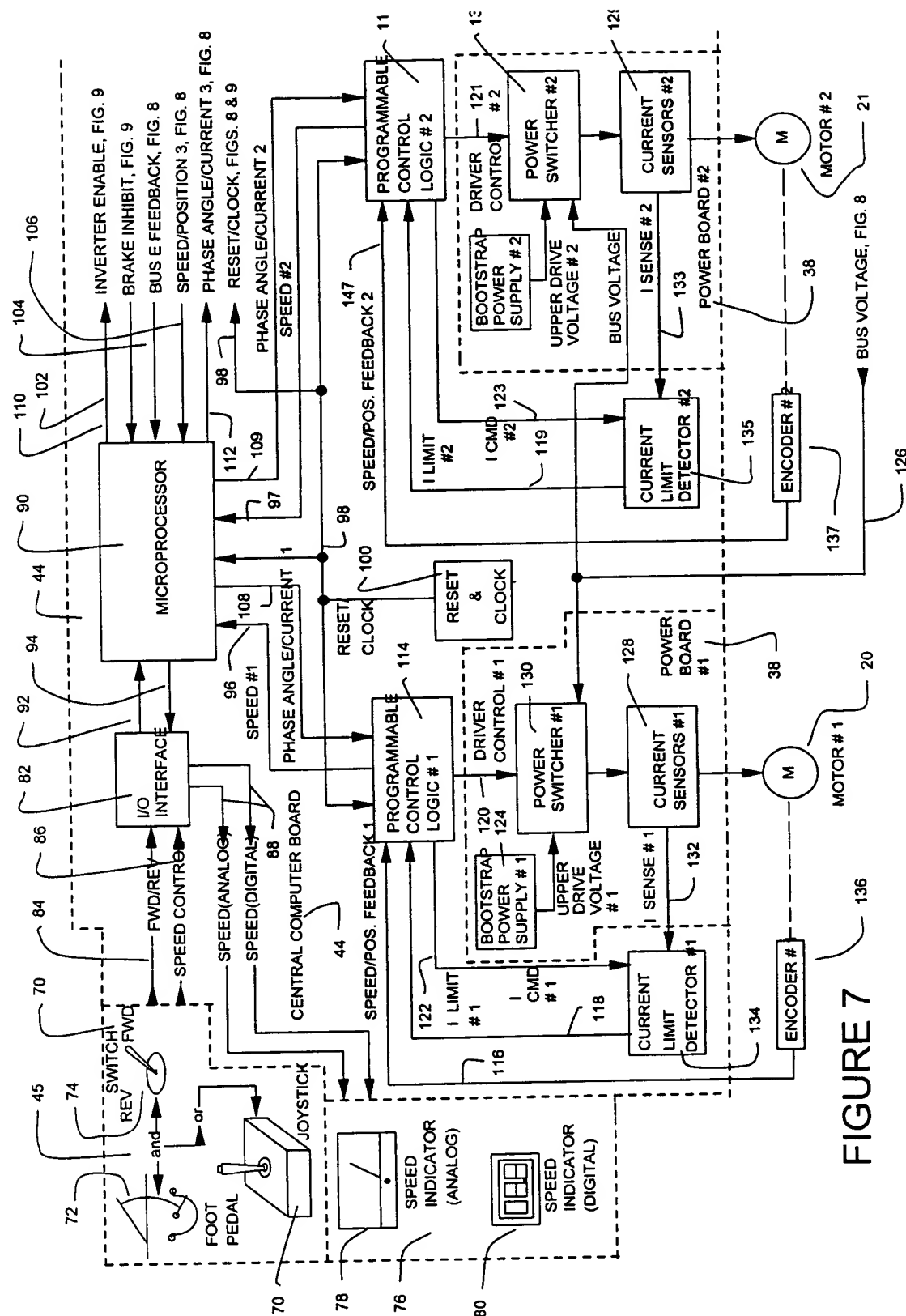


FIGURE 7

FIG. 8 is a block diagram of a power supply system for a motor drive, showing the interconnection of various components including a central computer board, a power board, a generator, and various sensors and control logic.

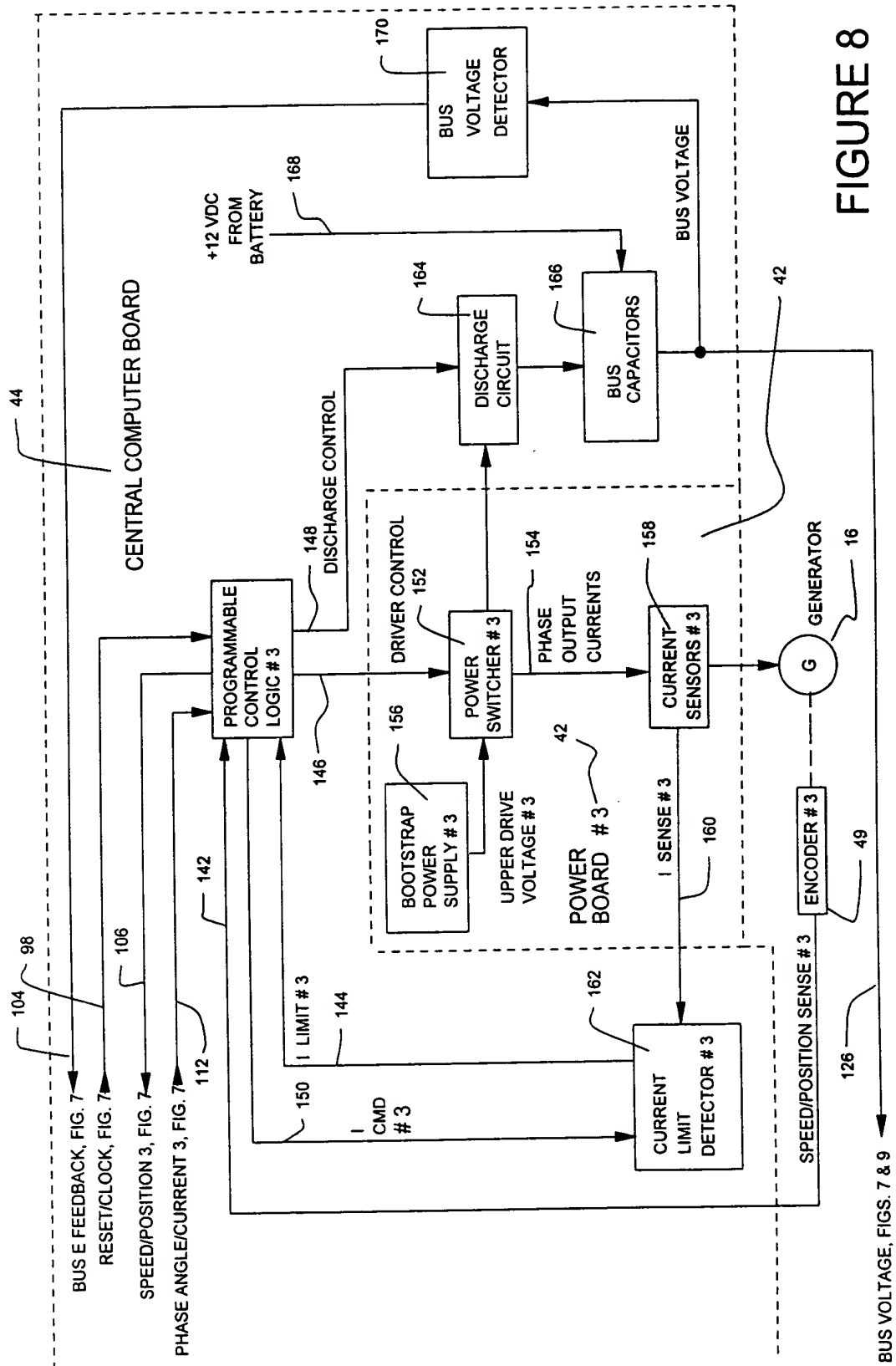


FIGURE 8

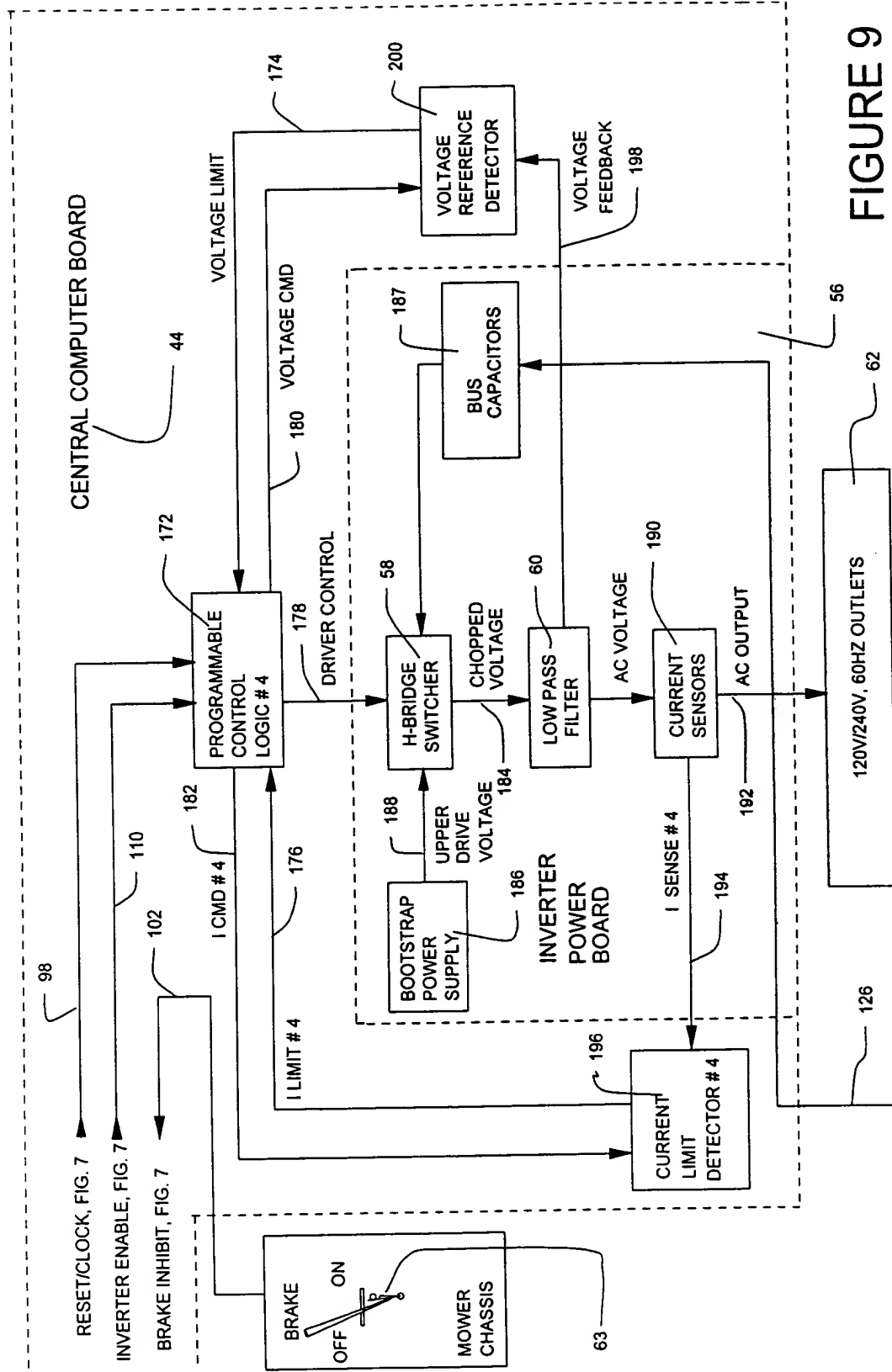


FIGURE 9